

nextLab™ - R 550 - L

LINEAR ALKYL BENZENE C10-C13 (LAB)

IDENTIFICATION

CAS Number: 67774-74-7

EC Number: 267-051-0

DESCRIPTION

nextLab® - R 550 - L is a Linear Alkylbenze that incorporates certified renewable raw materials and maintains the same specification as its fossil counterpart PETRELAB 550. In addition, our production plants have the ISCC PLUS certification system, which identifies and guarantees sustainable production from the product source to delivery.

There are two different versions according to their content in renewable raw material, 68% y 100%, according to ISCC PLUS Mass Balance Methodology. Low 2-Phenyl isomer content (15%-21%wt).

USES

nextLab® - R 550 - L is mainly used as a raw material to produce linear alkylbenzene sulfonic acid (LABSA) via sulfonation reaction and then linear alkylbenzene sulfonate (LAS) through neutralization. LAS is one of the major anionic surfactants used in the market for household detergents, such as laundry powders, laundry liquids, dishwashing products and all - purpose cleaners, as well as other minor applications in a wide range of different industries.

TYPICAL PROPERTIES

Parameter	Unit	Value	
Density	@ 20°C	g/ml	0,86
Color Saybolt			30
Color APHA (hazen)			5
Bromine Index	mg/100g		1
Carbon chain distribution	% (m)		
<5 phenyl C10			<1
phenyl C10			13,5
phenyl C10 + phenyl C11			46
phenyl C11			33
phenyl C12			33,5
phenyl C13 + phenyl C14			20
phenyl C13			19,5
phenyl C14			<0,5
>phenyl C14			0
2 phenyl alkanes	% (m)		20
Molecular weight	g/mol		240
Paraffins	% (m)		0,1
Tetralins and Indans	% (m)		<1
Water	ppm		37
Viscosity	@ 100°F	cSt	4,5
Flash point	°C		140
Sulfonability	% (m)		98,5
Aniline point	°C		16
Refractive index	@ 20°C		1,483
Acidity	mg KOH/g		<0,05
Total linear alkylbenzene	% (m)		>90
Total branched alkylbenzene	% (m)		<7



STANDARD PACKAGING

Available in trucks, flexitanks, isotanks, railcars and vessels.

STORAGE AND HANDLING

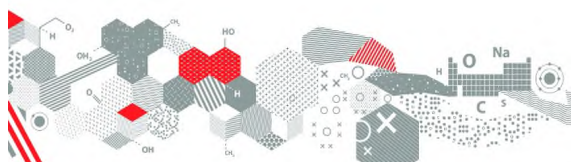
Store in accordance with local regulations.

Carbon steel is preferred for pipes and storage in contact with **nextLAB**- R 550 - L

For more information see Safety Data Sheet.

HEALTH AND SAFETY

Do not swallow. Hazardous product that may be fatal if swallowed and enters airways. Put on appropriate personal protective equipment according to the safety data sheet. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. See more details regarding the precautionary statements on safe use, storage and disposal in the safety data sheet.



Contáctanos para más información:
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